

APPLICANT:
Alan L. Mueller et al.

FILING DATE:
November 4, 1998

GROUP:
1611

[illegible][illegible]

EXAMINER:

Alton Pryor

DATE CONSIDERED:

3/28/05

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/825,373
Sheet 1 of 1				Filing Date	04/02/2001
				First Named Inventor	ALAN L. MUELLER
				Group Art Unit	1624
				Examiner Name	R. Raymond
				Attorney Docket Number	072827-0336

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AW	A1	WO	95/21612		NPS Pharmaceuticals, Inc.	08-17-1995		
	A2	AU	723349		NPS Pharmaceuticals, Inc.	01-05-1998		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁸

Examiner Signature	Alan Pryor	Date Considered	3/28/05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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FORM PTO-1449

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

A. Y. DOCKET NO.
238/105SERIAL NO.
09/186,341APPLICANT:
Alan L. Mueller et al.FILING DATE:
November 4, 1998GROUP:
1621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>Amf</i>	AA	3,258,488	6/28/66	Judd et al.	260	570.8	8/12/63
	AB	3,372,193	3/5/68	Moffet et al.	564	375	
	AC	4,018,895	4/19/77	Molloy et al.	514	649	
	AD	4,070,373	1/1978	Winter et al.	549	354	
	AE	4,313,896	2/2/82	Molloy et al.	562	597	
	AF	5,037,846	8/6/91	Saccomano et al.	514	419	
	AG	5,145,870	9/8/92	Jakobsen et al.	514	524	
	AH	5,185,369	2/9/93	Saccomano et al.	514	502	
	AI	5,310,756	5/10/94	Jakobsen et al.	514	524	
<i>Amf</i>	AJ	5,574,173	11/1996	Ting et al.	549	353	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
<i>Amf</i>	AK	1 051 281	25.02.59	DE				
	AL	33 285	05.12.64	DE (Klosa et al.)				
	AM	1 169 944	11.07.67	GB (Jones)				
	AN	1 129 029	02.10.68	GB (Boehringer)				
	AO	1 129 210	02.10.68	GB (Boehringer)				
	AP	1,134,715	27.11.68	GB (Maisey)				
	AQ	1,135,926	11.12.68	GB (Maisey)				
	AR	1 793 735	25.07.73	DE (Winter et al.)				
	AS	17 93 735	26.07.73	DE (Boehringer Mannheim)				
	AT	300,541	25.06.74	Netherlands				
	AU	23 35 943	30.01.75	DE (Boehringer Mannheim)				
	AV	2 277 589	06.02.76	FR (Boehringer)				
	AW	0 005 658	25.04.79	EP (Leconte et al.)				
	AX	0 208 523	14.01.87	EP (Usherwood et al.)				
	AY	0 399 504	23.05.90	EP (Jakobsen et al.)				
	AZ	0 436 332	10.07.91	EP (Saccomano et al.)				
<i>Amf</i>	BA	92/14709	03.09.92	WO/PCT (Goldin et al.)				

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							YES	NO
<i>AM</i>	BB	93/04036	04.03.93	WO/PCT (Saccomano et al.)				
	BC	93/04041	04.03.93	WO/PCT (Saccomano et al.)				
	BD	93/04373	04.03.93	WO/PCT (Nemeth et al.)				
	BE	4 239 816	01.06.94	DE (Keller et al.)				
	BF	95/15959	15.06.95	WO/PCT (Schering Corp.)				
	BG	95/21612	17.08.95	WO/PCT (NPS)				
	BH	96/05818	29.02.96	WO/PCT (Fuller et al.)				
	BI	96/40097	19.12.96	WO/PCT (Mueller et al.)				
<i>AM</i>	BJ	97/46511	11.12.97	WO/PCT (Vanwagenen)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>AM</i>	BK	Akaike et al., "Spider Toxin Blocks Excitatory Amino Acid Responses in Isolated Hippocampal Pyramidal Neurons," <u>Neuroscience Letters</u> 79:326-330 (1987)
	BL	Anis et al., "Structure-Activity Relationships of Philanthotoxin Analogs and Polyamines on N-Methyl-D-Aspartate and Nicotinic Acetylcholine Receptors," <u>Journal of Pharmacology and Experimental Therapeutics</u> 254:764-773 (1990)
	BM	Artman et al., "Preferential Inhibitory Effects of Arylamine Spider Toxins on NMDA Receptor-Mediated Increases in Cytosolic Calcium," <u>Society for Neuroscience Abstracts</u> 17(Part 1):394 at abstract no. 163.19 (1991)
	BN	Ashe et al., "Argiotoxin-636 Blocks Excitatory Synaptic Transmission in Rat Hippocampal CA1 Pyramidal Neurons," <u>Brain Research</u> 480:234-240 (1989)
	BO	Banciu et al., "Carbonium ion reactions. XII. Acetolysis of 5-(2-bromoethyl)-5H-dibenzol [a,d] cycloheptene and nitrous acid deamination of 5-(2-aminoethyl)-5H-dibenzo [a,d] cycloheptene," <u>Revue Roumaine de Chimie</u> 20(1):121-127 (1975)
	BP	Banciu et al., Chemical Abstracts, Vol. 83 Abstract 146868 (1975)
	BQ	Beckett and Casy, "Configurational Studies in Synthetic Analgesics," <u>Journal of the Chemical Society</u> pp.900-904 (February 1955)
	BR	Blagbrough and Usherwood, "Polyamine amide toxins as pharmacological tools and pharmaceutical agents," <u>Proceedings of the Royal Society of Edinburgh</u> 99B(1-2):67-81 (1992)
	BS	Blagbrough et al., "Arthropod Toxins as Leads for Novel Insecticides: An Assessment of Polyamine Amides as Glutamate Antagonists," <u>Toxicon</u> 30:303-322 (1992)
	BT	Blake et al., "2-Methyl-3,3-Diphenyl-3-Propanolamine (2-MDP) Selectively Antagonises N-Methyl-Aspartate (NMA)," <u>Pharmacology Biochemistry & Behavior</u> 24:23-25 (1986)
	BU	Blaschke et al., "A Single Amino Acid Determines the Subunit-Specific Spider Toxin Block of α -Amino-3-Hydroxy-5-Methylisoxazole-4-Propionate/Kainate Receptor Channels," <u>Proc. Natl. Acad. Sci. USA</u> 90:6528-6532 (1993)
	BV	Boehringer et al., Chemical Abstracts, Vol. 70 Abstract 37664 (1969)
<i>AM</i>	BW	Boehringer Mannheim, Chemical Abstracts, Vol. 86 Abstract 16562 (1977)



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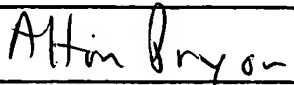
FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	A. Y. DOCKET NO. 238/105	SERIAL NO. 09/186,341
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>mu</i>	BX	Brackley et al., "Selective Antagonism of Native and Cloned Kainate and NMDA Receptors by Polyamine-Containing Toxins," <u>Journal of Pharmacology and Experimental Therapeutics</u> 266:1573-1580 (1993)
	BY	Bruce et al., "Structure-Activity Relationships of Analogues of The WASP Toxin Philanthotoxin: Non-Competitive Antagonists of Quisqualate Receptors," <u>Toxicon</u> 28(11):1333-1346 (1990)
	BZ	Burtsev and Savkov, "Calcium Antagonists (Finoptin and Senzit) in the Treatment of Cerebrovascular Disorders," <u>Klinicheskaja Meditsina</u> 67(9):51-54 (1989) (abstract from MEDLINE)
	CA	Buschauer et al., "Synthesis and histamine H ₂ agonistic activity of arpromidine analogues: replacement of the pheniramine-like moiety by non-heterocyclic groups," <u>Eur. J. Med. Chem.</u> 27:321-330 (1992)
	CB	Camps et al., "A New and Efficient One-Pot Preparation of Alkyl Halides From Alcohols," <u>Synthesis Communications</u> pp. 511-512 (May 1987)
	CC	<u>Chemical Abstracts</u> 5:423 (1959)
	CD	<u>Chemical Abstracts</u> 54:24555-24556 (1960)
	CE	<u>Chemical Abstracts</u> 54:424a (1960)
	CF	<u>Chemical Abstracts</u> 66:4375 (1967)
	CG	<u>Chemical Abstracts</u> 67:3059 (1967)
	CH	<u>Chemical Abstracts</u> 69:3322 (1968)
	CI	Chemical Abstracts Service, Registry Handbook, Reg. No. 114272-62-7 through 116231-28-8, 1988 Supplement.
	CJ	Cheng and Prusoff, "Relationship Between the Inhibition Constant (K _i) and the Concentration of Inhibitor Which Causes 50 Per Cent Inhibition (I ₅₀) of an Enzymatic Reaction," <u>Biochemical Pharmacology</u> 22:3099-3108 (1973)
	CK	Choi et al., "Glutamate Neurotoxicity in Cortical Cell Culture," <u>J. Neuroscience</u> 7:357-368 (1987)
	CL	Choi et al., "Synthesis and Assay of Hybrid Analogs of Argiotoxin-636 and Philanthotoxin-433: Glutamate Receptor Antagonists," <u>Tetrahedron</u> 49:5777-5790 (1993)
	CM	Choi, "Glutamate Neurotoxicity and Diseases of the Nervous System," <u>Neuron</u> 1:623-634 (1988)
	CN	Collingridge and Davis, "Ch. 9 - NMDA receptors and long-term potentiation in the hippocampus," in <u>The NMDA Receptor</u> , edited by Watkins and Collingridge, IRL Press, p. 123-135 (1989)
	CO	Cramer et al., "Kainic Acid and 4-Aminopyridine Seizure Models in Mice: Evaluation of Efficacy of Anti-Epileptic Agents and Calcium Antagonists," <u>Life Sciences</u> 54:PL271-PL275 (1994)
	CP	Davies et al., "Polyamine Spider Toxins Are Potent Un-competitive Antagonists of Rat Cortex Excitatory Amino Acid Receptors," <u>European Journal of Pharmacology - Molecular Pharmacology Section</u> 227:51-56 (1992)
	CQ	Deneris et al., "Pharmacological and Functional Diversity of Neuronal Nicotinic Acetylcholine Receptors," <u>TIPS</u> 12:34-40 (1991)
	CR	Dickenson, "A Cure for Wind-Up: NMDA Receptor Antagonists as Potential Analgesics," <u>TIPS</u> 11:307-309 (1990)
	CS	Dingledine et al., "Excitatory Amino Acid Receptors in Epilepsy," <u>TIPS</u> 11:334-338 (1990)
<i>DVP</i>	CT	Donevan and Rogawski, "GYKI 52466, a 2,3-Benzodiazepine, is a Highly Selective, Noncompetitive Antagonist of AMPA/Kainate Receptor Responses," <u>Neuron</u> 10:51-59 (1993)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	CU	Donevan et al., "Arcaine Blocks N-Methyl-D-Aspartate Receptor Responses by an Open Channel Mechanism: Whole-Cell and Single-Channel Recording Studies in Cultured Hippocampal Neurons," <u>Molecular Pharmacology</u> 41:727-735 (1992)
	CV	Draguhn et al., "Argiotoxin ₆₃₆ inhibits NMDA-activated ion channels expressed in <i>Xenopus</i> oocytes," <u>Neuroscience Letters</u> 132:187-190 (1991)
	CW	Fingl and Woodbury, "Chapter 1 - General Principles," in <u>The Pharmacological Basis of Therapeutics</u> 5th edition, Goodman and Gilman editors, MacMillan Publishing Co., Inc., New York, pp. 1-46 (1975)
	CX	Fisher and Bogousslavsky, "Evolving Toward Effective Therapy for Acute Ischemic Stroke," <u>JAMA</u> 270:360-364 (1993)
	CY	Foye et al., <u>Principals of Medicinal Chemistry</u> , 4th edition, Lea & Febiger/Williams and Wilkins, Philadelphia, PA, pp. 233, 265, 281-282, 340-341, 418-427 and 430 (1995)
	CZ	Ginsberg and Busto, "Rodent Models of Cerebral Ischemia," <u>Stroke</u> 20:1627-1642 (1989)
	DA	Gisvold and Steen, "Drug Therapy in Brain Ischaemia," <u>Br. J. Anaesth.</u> 57:96-109 (1985)
	DB	Grishin et al., "Isolation and Structure Analysis of Components from Venom of the Spider <i>Argiope Lobata</i> ," <u>Toxicon</u> 27:451-549 (1989)
	DC	Gullak et al., "CNS Binding Sites of the Novel NMDA Antagonist Arg-636," <u>Soc. Neurosci. Abst.</u> 15:1168 at abstract no. 463.23 (1989)
	DD	Hayes et al., "Anticonvulsant Properties of Phencyclidine-Like Drugs in Mice," <u>European Journal of Pharmacology</u> 117:121-125 (1985)
	DE	Helke and Raines, "Antixtensor Effects of 3,3-Diphenyl-n-Propylamine in the Mouse," <u>European Journal of Pharmacology</u> 48:231-235 (1978)
	DF	Herlitze et al., "Argiotoxin Detects Molecular Differences in AMPA Receptor Channels," <u>Neuron</u> 10:1131-1140 (1993)
	DG	Herold and Yaksh, "Anesthesia and Muscle Relaxation with Intrathecal Injections of AR636 and AG489, Two Acylpolyamine Spider Toxins, in Rat," <u>Anesthesiology</u> 77:507-512 (1992)
	DH	Hill, "A New Mathematical Treatment of Changes of Ionic Concentration in Muscle and Nerve Under the Action of Electric Currents, with a Theory as to Their Mode of Excitation," <u>Journal of Physiology</u> 40:190-224 (1910)
	DI	Honoré et al., "Quinoxalinediones: Potent Competitive Non-NMDA Glutamate Receptor Antagonists," <u>Science</u> 241:701-703 (1988)
	DJ	Hughes, "Merz' Novel Approach to the Treatment of Dementia," <u>Script No.</u> 1666:24-25 (1991)
	DK	Jackson and Parks, "Spider Toxins: Recent Applications In Neurobiology," <u>Ann. Rev. Neurosci.</u> 12:405-414 (1989)
	DL	Jackson and Usherwood, "Spider Toxins as Tools for Dissecting Elements of Excitatory Amino Acid Transmission," <u>TINS</u> 11:278-283 (1988)
	DM	Janssen et al., <u>Synthetic Analgesics: Part I - Diphenylpropylamines</u> , Pergamon Press, pp. 1-109 (1960)
	DN	Jasys et al., "Isolation, Structure Elucidation, and Synthesis of Novel Hydroxylamine-Containing Polyamines From the Venom of the <i>Agelenopsis aperta</i> Spider," <u>J. Amer. Chem. Soc.</u> 112:6696-6704 (1990)
	DO	Jasys et al., "The Total Synthesis of Argiotoxins 636, 659 and 673," <u>Tetrahedron Letters</u> 29:6223-6226 (1988)
	DP	Jones and Lodge, "Comparison of Some Arthropod Toxins and Toxin Fragments as Antagonists of Excitatory Amino Acid-Induced Excitation of Rat Spinal Neurones," <u>European Journal of Pharmacology</u> 204:203-209 (1991)

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	DQ	Jones et al., "Philanthotoxin Blocks Quisqualate-, AMPA- and Kainate-, but not NMDA-, Induced Excitation of Rat Brainstem Neurones <i>in vivo</i> ," <u>Br. J. Pharmacol.</u> 101:968-970 (1990)
	DR	Jones et al., "Substituted 1,1-Diphenyl-3-aminopropyl-enes and 1,1-Diphenyl-3-aminopropanes as Potential Antidepressant Agents," <u>J. Med. Chem.</u> 14(2):161-164 (1971)
	DS	Kalman et al., "Difenil-propil-amin-szarmazekok," <u>Magyar Kemiai Folyirat</u> 78:46-49 (1972)
	DT	Kanai et al., "An Analogue of Joro Spider Toxin Selectively Suppresses Hippocampal Epileptic Discharges Induced by Quisqualate," <u>Brain Research</u> 581:161-164 (1992)
	DU	Karpiak et al., "Animal Models for the Study of Drugs in Ischemic Stroke," <u>Annu. Rev. Pharmacol. Toxicol.</u> 29:403-414 (1989)
	DV	Kawai et al., "Effect of a Spider Toxin on Glutaminergic Synapses in the Mammalian Brain," <u>Biomedical Research</u> 3:353-355 (1982)
	DW	Kawai et al., "Spider Toxin and the Glutamate Receptors," <u>Comp. Biochem. Physiol.</u> 98C:87-95 (1991)
	DX	Kawai, "Neuroactive Toxins of Spider Venoms," <u>J. Toxicol. - Toxin Reviews</u> 10:131-167 (1991)
	DY	Keasling and Moffett, "Central Nervous System Agents. 3. Structure-Activity -- Relationship of a Series of Diphenylaminopropanols," <u>Journal of Medicinal Chemistry</u> 14(11):1106-1111 (1971)
	DZ	Kiskin et al., "A Highly Potent and Selective N-Methyl-D-Aspartate Receptor Antagonist From the Venom of the <i>Agelenopsis Aperta</i> Spider," <u>Neuroscience</u> 51:11-18 (1992)
	EA	Kiskin et al., "Argiopine, Argiopines and Pseudoargiopines as Glutamate Receptor Blockers in Hippocampal Neurons," <u>Neurophysiology</u> 21:748-754 (1989) (in Russian)
	EB	Kovacs and Hesse, "Synthetic Analogues of Naturally Occurring Spider Toxins," <u>Helvetica Chimica Acta</u> 75:1909-1924 (1992)
	EC	Kurokawa et al., "Synthesis and Biological Activity of 11-[4-(Cinnamyl)-1-piperazinyl]-1-piperazinyl-8,11-dihydrodibenz[b,e]oxepin Derivatives, Potential Agents for the Treatment of Cerebrovascular Disorders," <u>Chem. Pharm. Bull.</u> 39(10):2564-2573 (1991)
	ED	Leszkovszky et al., "The Pharmacology of Diphenylalkyl Derivatives," <u>Acta Physiologica Academiae Scientiarum Hungaricae Tomus</u> 29(3-4):283-298 (1966)
	EE	Marcusson et al., "Inhibition of [³ H]paroxetine binding by various serotonin uptake inhibitors: structure-activity relationships," <u>Europ. J. Pharmacol.</u> 215:191-198 (1992)
	EF	McQuaid et al., "Inhibition of [³ H]-MK801 Binding and Protection Against NMDA-Induced Lethality in Mice by a Series of Imipramine Analogs," <u>Research Communications in Chemical Pathology and Pharmacology</u> 77(2):171-178 (1992)
	EG	Meldrum and Garthwaite, "Excitatory Amino Acid Neurotoxicity and Neurodegenerative Disease," <u>TIPS</u> 11:379-387 (1990)
	EH	Meldrum, "Excitatory Amino Acid Neurotransmission in Epilepsy and Anticonvulsant Therapy," in <u>Excitatory Amino Acids</u> , Meldrum et al. editors, New York, Raven Press, pp. 655-670 (1991)
	EI	Melloni et al., "Potential antidepressant agents. Aryloxy-benzyl derivatives of ethanolamine and morpholine," <u>Eur. J. Med. Chem. - Chim. Ther.</u> 19:235-242 (1984)
	EJ	Merck Index, 11th edition, Merck & Co., Inc., Rahway, New Jersey, page 218 at no. 1433, page 337 at no. 2180, page 623 at no. 3916, page 655 at no. 4112, page 1148 at no. 7198, page 1227 at no. 7744, page 1444 at no. 9098, and page 1597 at no. 10024 (1989)
	EK	Mikio et al., "Synthesis of Analgesics," <u>Chemical Abstracts</u> volume 83, no. 7, August 18, 1975 at abstract no. XP002016632

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AW	EL	Moffett et al., "Central Nervous System Agents. 1. Synthesis of Diphenyl- <i>tert</i> -aminopropanols," <u>J. Med. Chem.</u> 14(11):1088-1100 (1971)
Y	EM	Mueller et al., "Arylamine Spider Toxins Antagonize NMDA Receptor-Mediated Synaptic Transmission in Rat Hippocampal Slices," <u>Synapse</u> 9:244-250 (1991)
	EN	Mueller et al., "Effects of Polyamine Spider Toxins on NMDA Receptor-Mediated Transmission in Rat Hippocampus <i>In Vitro</i> ," <u>Soc. Neurosci. Abst.</u> 15:945 at abstract no. 373.10 (1989)
	EO	Nakanishi et al., "Bioorganic Studies of Transmitter Receptors with Philanthotoxin Analogs," <u>Pure & Applied Chemistry</u> vol. 66, #3 (March 1994)
	EP	Nakanishi, "Molecular Diversity of Glutamate Receptors and Implications for Brain Function," <u>Science</u> 258:597-603 (1992)
	EQ	Nason et al., "Synthesis of Neurotoxic Nephila Spider Venoms: NSTX-3 and JSTX-3," <u>Tetrahedron Letters</u> 30:2337-2340 (1989)
	ER	Nemeth et al., "Arylamines Derived From Spider Venom Are Potent and Selective NMDA Receptor Antagonists in The Mammalian CNS," in <u>Neuroreceptors, Ion Channels and the Brain</u> , Kawai et al., editors, pp. 21-28 (1992)
	ES	Olney et al., "Pathological Changes Induced in Cerebrocortical Neurons by Phencyclidine and Related Drugs," <u>Science</u> 244:1360-1362 (1989)
	ET	Palmer et al., "Anticonvulsant Properties of Calcium Channel Blockers in Mice: <i>N</i> -Methyl-D-, L-Aspartate- and Bay K 8644-Induced Convulsions are Potentially Blocked by the Dihydropyridines," <u>Epilepsia</u> 34:372-380 (1993)
	EU	Parks et al., "Arylamine Toxins From Funnel-Web Spider (<i>Agelenopsis aperta</i>) Venom Antagonize <i>N</i> -Methyl-D-aspartate Receptor Function in Mammalian Brain," <u>J. Biol. Chem.</u> 266:21523-21529 (1991)
	EV	Parks et al., "Polyamine Spider Toxins Block NMDA Receptor-Mediated Increases in Cytosolic Calcium in Cerebellar Granule Neurons," <u>Soc. Neurosci. Abst.</u> 15:1169 at abstract no. 483.25 (1989)
	EW	Paul et al., "Adaptation of the <i>N</i> -Methyl-D-Aspartate Receptor Complex Following Chronic Antidepressant Treatments," <u>J. Pharmacology and Experimental Therapeutics</u> 269:95-102 (1994)
	EX	Peterson, "Studies on a New Spasmolytic Compound 1,1-diphenyl-3-dimethylaminobutene-1 (A29) related to Methadon, and on the Combined Use of this Compound and a Potent Analgesic Ketobemidone," <u>Acta Pharmacol. et toxicol.</u> 7:51-64 (1951)
	EY	Priestley et al., "Antagonism of responses to excitatory amino acids on rat cortical neurones by the spider toxin, argitoxin ₆₃₈ ," <u>Br. J. Pharmacol.</u> 97:1315-1323 (1989)
	EZ	Prous, <u>The Year's Drug News, Therapeutic Targets</u> , 1995 Edition, Prous Science Publishers, Barcelona, Spain, pp. 13, 55-56, 58-59, 74, 89, 144-145, 152, 296-297 and 317 (1995)
	FA	Quistad et al., "Paralytic and Insecticidal Toxins from the Funnel Web Spider, <i>Hololena Curta</i> ," <u>Toxicon</u> 29:329-336 (1991)
	FB	Raditsch et al., "Subunit-Specific Block of Cloned NMDA Receptors by Argitoxin ₆₃₈ ," <u>FEBS Letters</u> 324(1):63-66 (1993)
	FC	Ransom and Stec, "Cooperative Modulation of [³ H]MK-801 Binding to the <i>N</i> -Methyl-D-Aspartate Receptor-Ion Channel Complex by L-Glutamate, Glycine and Polyamines," <u>Journal of Neurochemistry</u> 51:830-836 (1988)
AW	FD	Reist et al., "Sodium Azide in Dimethylformamide for the Preparation of Amino-Sugars," <u>Chemistry and Industry</u> pp. 1794-1795 (October 13, 1962)

EXAMINER:

Alan Pryor

DATE CONSIDERED:

3/28/05

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FORM PTO-1445

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Y. DOCKET NO.
238/105SERIAL NO.
09/186,341APPLICANT:
Alan L. Mueller et al.FILING DATE:
November 4, 1998GROUP:
1621

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Am	FE	Reynolds and Miller, "Ifenprodil is a Novel Type of N-Methyl-D-Aspartate Receptor Antagonist: Interaction with Polyamines," <u>Molecular Pharmacology</u> 36:758-765 (1989)
	FF	Reynolds, "Arcaine is a Competitive Antagonist of the Polyamine Site on the NMDA Receptor," <u>European Journal of Pharmacology</u> 177:215-216 (1990)
	FG	Reynolds, "The Spider Toxin, Argitoxin ₆₃₆ , Binds to a Mg ²⁺ Site on the N-Methyl-D-Aspartate Receptor Complex," <u>Br. Journal of Pharmacology</u> 103(2):1373-1376 (1991)
	FH	Reynolds, <u>Martindale: The Extra Pharmacopoeia</u> , The Pharmaceutical Press, London, pp. 543-544 (1989)
	FI	Rock and MacDonald, "Spermine and Related Polyamines Produce a Voltage-Dependent Reduction of N-Methyl-D-Aspartate Receptor Single-Channel Conductance," <u>Molecular Pharmacology</u> 42:157-164 (1992)
	FJ	Rogawski, "Therapeutic Potential of Excitatory Amino Acid Antagonists: Channel Blockers and 2,3-benzodiazepines," <u>Trends in Pharmacol. Sci.</u> 14:325-331 (1993)
	FK	Rozental et al., "Allosteric Inhibition of Nicotinic Acetylcholine Receptors of Vertebrates and Insects by Philanthotoxin," <u>Journal of Pharmacology and Experimental Therapeutics</u> 249:123-130 (1989)
	FL	Sacaan and Johnson, "Characterization of the Stimulatory and Inhibitory Effects of Polyamines on [³ H]N-(1-(thienyl)cyclohexyl) piperidine Binding to the N-Methyl-D-Aspartate Receptor Ionophore Complex," <u>Molecular Pharmacology</u> 37:572-577 (1990)
	FM	Saccomano et al., "Arylamine NMDA Antagonists From Spider Venom," <u>201st American Chemical Society National Meeting, Abstracts of Papers - Part 1</u> , Atlanta, Georgia, April 14-19 (1991) (Abstract #10)
	FN	Saccomano et al., "Ch. 30 - Polyamine Spider Toxins: Unique Pharmacological Tools," in <u>Annual Reports in Medicinal Chemistry</u> 24:287-293 (1989)
	FO	Saito et al., "Effects of a Spider Toxin (JSTX) on Hippocampal CA1 Neurons in vitro," <u>Brain Research</u> 481:16-24 (1989)
	FP	Saito et al., "Spider Toxin (JSTX) Blocks Glutamate Synapse in Hippocampal Pyramidal Neurons," <u>Brain Research</u> 348:397-399 (1985)
	FQ	Scatchard, "The Attractions of Proteins For Small Molecules and Ions," <u>Annals New York Academy of Sciences</u> 51:660-672 (1949)
	FR	Scatton et al., "NMDA Receptor Antagonists: Treatment for Brain Ischemia," <u>Drug News & Perspectives</u> 4(2):89-95 (1991)
	FS	Scatton, <u>Therapeutic Potential of NMDA receptor antagonists in Ischemic Cerebrovascular Disease in Drug Strategies in the Prevention and Treatment of Stroke</u> , IBC Technical Services Ltd., 1990
	FT	Seymour and Mena, "In Vivo NMDA Antagonist Activity of the Polyamine Spider Venom Component, Argitoxin-636," <u>Soc. Neurosci. Abst.</u> 15:1168 at abstract no. 463.24 (1989)
	FU	Snell and Johnson, "Ch. 13 - Phencyclidine: Behavioral Correlates of NMDA Antagonism," in <u>Excitatory Amino Acids in Health and Disease</u> , D. Lodge editor, John Wiley & Sons, pp. 261-273 (1988)
	FV	Snyder, "Neurotransmitter Receptor Binding and Drug Discovery," <u>J. Med. Chem.</u> 26:1667-1672 (1983)
Am	FW	Srebnik et al., "Chiral Synthesis via Organoboranes. 18. Selective Reductions. 43. Diisopinocampheylchloroborane as an Excellent Chiral Reducing Reagent for the Synthesis of Halo Alcohols of High Enantiomeric Purity. A Highly Enantioselective Synthesis of Both Optical Isomers of Tomoxetine, Fluoxetine and Nisoxetine," <u>J. Org. Chem.</u> 53(13):2916-2920 (1988)

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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	A. Y. DOCKET NO. 238/105	SERIAL NO. 09/186,341
	APPLICANT: Alan L. Mueller et al.	
	FILING DATE: November 4, 1998	GROUP: 1621

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>AM</i>	FX	Sutton et al., "Inhibition of voltage-activated Ca ²⁺ currents from cultured sensory neurones by spermine, argiotoxin-636 and a synthetic arginine polyamine," <u>Molecular Neuropharmacology</u> 3:37-43 (1993)
	FY	Tang et al., "Phencyclidine-Like Behavioral Effects of 2-Methyl-3,3-Diphenyl-3-Propanolamine (2-MDP), <u>Pharmacology Biochemistry & Behavior</u> 20:209-213 (1984)
	FZ	Teyler and DiScenna, "Long-Term Potentiation," <u>Annu. Rev. Neurosci.</u> 10:131-161 (1987)
	GA	Titeler, <u>Multiple Dopamine Receptors: Receptor Binding Studies in Dopamine Pharmacology, Volume 1</u> , Marcel Dekker, Inc., New York, pp. 1-173 (1983)
	GB	Tsvetkova et al., "Synthesis of aminoalkylxanthenes and aminothioxanthenes," <u>Khim. Farm. Zh.</u> 3(12):17-20 (1969)
	GC	Usherwood and Blagbrough, "Spider Toxins Affecting Glutamate Receptors: Polyamines in Therapeutic Neurochemistry," <u>Pharmac. Ther.</u> pp. 1-24 (1992)
	GD	von Wolfgang J. Fiedler et al., "66. Synthetische Analoga von niedermolekularen Spinnentoxinen mit Acyl-polyamin-Struktur," <u>Helvetica Chimica Acta</u> 76:1167-1181 (1993)
	GE	von Wolfgang J. Fiedler et al., "98. Synthese von selektiv N-funktionalisierten Polyamin-Derivaten," <u>Helvetica Chimica Acta</u> 76:1511-1519 (1993)
	GF	Watkins et al., <u>The NMDA Receptor</u> , Oxford, IRL Press (1989)
	GG	White et al., "Chemicopharmacological Studies on Antispasmodic Action. XII., Structure-Activity Relationship of Aralkylamines," <u>Chem. Pharm.</u> 6(2):147-154 (1958)
	GH	White et al., "Some Pharmacological Properties of 3:3-Diphenyl-Propanolamines, -Allylamines and -Propylamines," <u>Brit. J. Pharmacol.</u> 6:560-571 (1951)
	GI	Wiley and Baister, "Preclinical Evaluation of N-Methyl-D-Aspartate Antagonists for Antianxiety Effects: A Review," in <u>Multiple Sigma and PCP Receptor Ligands: Mechanisms for Neuromodulation and Neuroprotection?</u> NPP Books, Ann Arbor, Michigan, pp. 801-815 (1992)
	GJ	Willems et al., "The Behavioral Pharmacology of NMDA Receptor Antagonists," <u>Trends Pharmacol. Sci.</u> 11:423-428 (1990)
	GK	Williams et al., "Characterization of Polyamines Having Agonist, Antagonist, and Inverse Agonist Effects at the Polyamine Recognition Site of the NMDA Receptor," <u>Neuron</u> 5:199-208 (1990)
	GL	Williams et al., "Effects of Polyamines on the Binding of [³ H]MK-801 to the N-Methyl-D-Aspartate Receptor: Pharmacological Evidence for the Existence of a Polyamine Recognition Site," <u>Molecular Pharmacology</u> 36:575-581 (1989)
	GM	Williams, "Effects of Agelenopsis aperta Toxins on the N-Methyl-D-Aspartate Receptor: Polyamine-Like and High-Affinity Antagonist Actions," <u>Journal of Pharmacology and Experimental Therapeutics</u> 266:231-236 (1993)
	GN	Williams, "Ifenprodil Discriminates Subtypes of the N-Methyl-D-Aspartate Receptor: Selectivity and Mechanisms at Recombinant Heteromeric Receptors," <u>Molecular Pharmacology</u> 44:851-859 (1993)
<i>AM</i>	GO	Yamaguchi et al., "Anticonvulsant Activity of AMPA/Kainate Antagonists: Comparison of GYKI 52466 and NBQX in Maximal Electroshock and Chemoconvulsant Seizure Models," <u>Epilepsy Research</u> 15:179-184 (1993)

EXAMINER: <i>Allen Fryer</i>	DATE CONSIDERED: <i>3/28/00</i>
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